



tesa® 4967 - Team 4965 Thin

Product Information

160µm/6.3 mils double sided transparent PET tape

Product Description

tesa® 4967, also known as Team 4965 Thin, is a transparent, double-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive. It is based on a patented and protected product formulation. Several products are equipped with this unique and high performing product design and together these products make up Team 4965.

This double-sided film tape assortment helps to easily select the most efficient tape based on customer demands, products, and processes. Explore the benefits of the full tesa® 4965 assortment here: <https://www.tesa.com/en-us/industry/general-applications/mounting/team-4965-assortment>

Product Features

- Extremely high holding power even at elevated temperatures
- Superior converting performance due to strong PET backing and reduced adhesive mass flow
- Good bonding performance even to LSE materials

Application Fields

- Mounting lenses to mobile phone housings
- Mounting of ABS plastic parts in the automotive industry
- Mounting of decorative profiles and moldings in the furniture industry

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|-------------------|-------------------|-------------|
| • Backing | PET film | • Total thickness | 160 µm |
| • Type of adhesive | tackified acrylic | • Color | transparent |

Properties/Performance Values

- | | | | |
|--------------------------|-------------|-------------------------------------|------------------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 20 N/cm | • Static shear resistance at 40°C | good |
| | 11.4 lbs/in | • Tack | good |
| • Ageing resistance (UV) | very good | • Temperature resistance long term | 100 °C
212 °F |
| • Chemical Resistance | good | • Temperature resistance short term | 200 °C
392 °F |
| • Humidity resistance | very good | | |
| • Softener resistance | good | | |



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Adhesion to Values

• ABS (initial)	9.8 N/cm 89.5 oz/in	• PET (after 14 days)	10.5 N/cm 95.9 oz/in
• ABS (after 14 days)	10.8 N/cm 98.7 oz/in	• PP (initial)	5.3 N/cm 48.4 oz/in
• Aluminium (initial)	9.6 N/cm 87.7 oz/in	• PP (after 14 days)	7 N/cm 64 oz/in
• Aluminium (after 14 days)	12.2 N/cm 111.5 oz/in	• PS (initial)	10.2 N/cm 93.2 oz/in
• PC (initial)	11.7 N/cm 106.9 oz/in	• PS (after 14 days)	11.1 N/cm 101.4 oz/in
• PC (after 14 days)	13.1 N/cm 119.7 oz/in	• PVC (initial)	8.9 N/cm 81.3 oz/in
• PE (initial)	5.2 N/cm 47.5 oz/in	• PVC (after 14 days)	11.9 N/cm 108.7 oz/in
• PE (after 14 days)	5.7 N/cm 52.1 oz/in	• Steel (initial)	12 N/cm 109.6 oz/in
• PET (initial)	9.3 N/cm 85 oz/in	• Steel (after 14 days)	13.4 N/cm 122.4 oz/in

Additional Information

Liner variants:

- PV6: red MOPP film (80µm / 3.1 mils; 72g/m²)

According to VDA278 analysis, tesa[®] 4967 - Team 4965 Thin does not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by Health, Labour and Welfare Ministry (Japan).

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.